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Applicant(s) : Werner Haug
Serial No. : NOT YET KNOWN (PCT/CH01/00116)
Int. Filed : February 22, 2001
For : FRANKING MACHINE

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

S I R:

In advance of the first office action, please amend the claims as follows:

IN THE CLAIMS

Replace current claims 1 - 5 by the enclosed amended claims 1 - 5. A marked-up version of amended claims 1 - 5 is also enclosed.

REMARKS

Claims 1 - 5 are in the application.

As a result of the foregoing amendment, the claims have been amended to remove improper multiple dependencies.

Any additional fees or charges required at this time in connection with the application may be charged to our Patent and Trademark Office Deposit Account No. 11-1835.

Respectfully submitted,

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October 20, 2001
FK:ml
ENCLS:
Amended Claims;
Marked-Up Version.

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I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

In Kind
Friedrich Kueffner

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CLEAN VERSION OF AMENDED CLAIMS

1. Franking machine with at least one print head of an inkjet print mechanism for printing flat postal objects such as letters or postcards insertable into or passing through the machine, comprised of a guide part arranged so as to project about the print head and further relative to its jet opening plane, having correlated therewith a transport device for transporting the postal objects between it and oppositely positioned conveying rollers rotating about axes oriented transverse to the conveying direction, wherein the transport device has two drive rollers connected in driving connection with one another and forming together with the guide part a conveying path, which drive rollers, when viewed in the conveying direction, are arranged before and behind the print head, and has a counterpressure roller arranged opposite thereto, respectively, which exerts a pressure against one drive roller or the postal object transported therebetween and which is reversibly liftable, wherein a sensing wheel (38, 119) is arranged between the drive rollers (32, 33; 127, 113) which sensing wheel is driven by the postal object passing along it and is correlated with an encoding device (122) for the purpose of speed and position monitoring of a postal object to be transported, respectively, for controlling printing on a postal object.

2. Machine according to claim 1, wherein the encoding device (122) is connected to a control unit connected to a computer.
3. Machine according to claim 1, wherein the sensing wheel (38, 119) is in drive connection with the drive roller (33, 113) arranged downstream in the conveying direction.
4. Machine according to claim 3, wherein, laterally to the counterpressure roller (15, 114) cooperating with the drive roller (33, 113), a friction wheel (109) is provided which is concentric to and freely rotatably supported relative to the counterpressure roller and can be brought into drive connection by the counterpressure levers (6A, 6B; 120) with the drive roller (33, 113), which friction wheel drives a further friction wheel (126) by means of an intermediate gear formed of intermediate wheels, the further friction wheel being in drive connection with the sensing wheel (38, 119).
5. Machine according to claim 4, wherein the further friction wheel (126) is supported with the counterpressure roller (115, 114) on a multi-part lever (101) and is movable against the sensing wheel (38, 119) counter to a spring force.

MARKED-UP VERSION OF AMENDED CLAIMS

1. Franking machine with at least one print head of an inkjet print mechanism for printing flat postal objects such as letters or postcards insertable into or passing through the machine, comprised of a guide part arranged so as to project about the print head and further relative to its jet opening plane, having correlated therewith a transport device for transporting the postal objects between it and oppositely positioned conveying rollers rotating about axes oriented transverse to the conveying direction, wherein the transport device has two drive rollers connected in driving connection with one another and forming together with the guide part a conveying path, which drive rollers, when viewed in the conveying direction, are arranged before and behind the print head, and has a counterpressure roller arranged opposite thereto, respectively, which exerts a pressure against one drive roller or the postal object transported therebetween and which is reversibly liftable, [characterized in that] wherein a sensing wheel (38, 119) is arranged between the drive rollers (32, 33; 127, 113) which sensing wheel is driven by the postal object passing along it and is correlated with an encoding device (122) for the purpose of speed and position monitoring of a postal object to be transported, respectively, for controlling printing on a postal object.

2. Machine according to claim 1, [characterized in that] wherein the encoding device (122) is connected to a control unit connected to a computer.
3. Machine according to [one of the claims 1 or 2, characterized in that] claim 1, wherein the sensing wheel (38, 119) is in drive connection with the drive roller (33, 113) arranged downstream in the conveying direction.
4. Machine according to claim 3, [characterized in that] wherein, laterally to the counterpressure roller (15, 114) cooperating with the drive roller (33, 113), a friction wheel (109) is provided which is concentric to and freely rotatably supported relative to the counterpressure roller and can be brought into drive connection by the counterpressure levers (6A, 6B; 120) with the drive roller (33, 113), which friction wheel drives a further friction wheel (126) by means of an intermediate gear formed of intermediate wheels, the further friction wheel being in drive connection with the sensing wheel (38, 119).
5. Machine according to claim 4, [characterized in that] wherein the further friction wheel (126) is supported with the counterpressure roller (115, 114) on a multi-part lever (101) and is movable against the sensing wheel (38, 119) counter to a spring force.